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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/013,543	02/04/1993	RYOICHIRO SATO	35.C6297-CON	8612

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NEW YORK, NY 10112

EXAMINER

CHIANG, JACK

ART UNIT PAPER NUMBER

2642

DATE MAILED: 06/03/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

08/013543

Applicant(s)

SATO ET AL

Examiner

J. Ching

Group Art Unit

2642

68

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Response

A SHORTENED STATUTORY PERIOD FOR RESPONSE IS SET TO EXPIRE - 3 - MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a response be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for response specified above is less than thirty (30) days, a response within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for response is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to respond within the set or extended period for response will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☒ Responsive to communication(s) filed on 5-20-02
- ☒ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 31-34, 36-37, 39-50, 55-56 is/are pending in the application.
- Of the above claim(s) _____ is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 31-34, 36-37, 39-50, 55-56 is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.
 - ☐ received in Application No. (Series Code/Serial Number) _____.
 - ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☐ Interview Summary, PTO-413
- ☐ Notice of References Cited, PTO-892
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Other _____

Office Action Summary

CLAIMS

112 Rejection

1. Claims 33 and 36 recites the limitation "optical character recognition" in last two lines. There is insufficient antecedent basis for this limitation in the claim.

Art Rejection

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 31, 33-34, 36-37, 39-50, 55-56 are rejected under 35 U.S.C. 102(e) as being anticipated by Zamora (US 4965763).

Regarding claims 31, Zamora shows:

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Obtaining means for obtaining digital image data by scanning (col. 38, line 62);

Character-recognition means (col. 5, lines 5-6);

Determining means for determining a type of character data (col. 38, lines 62-68);

Display controller that controls a display of the digital image data and a plurality of frames containing the character data (see figs. 4, 7); and

An image memory or storing (col. 4, lines 24-25).

Regarding claim 55, Zamora shows:

Obtaining means for obtaining digital image data by scanning (col. 38, line 62);

Analyzing the digital image data by performing character recognition (col. 5, lines 5-6);

Determining means for determining a type of character data (col. 38, lines 62-68);

Controlling a display of the digital image data and a plurality of frames containing the character data (see figs. 4, 7); and

Storing the image data (col. 4, lines 24-25).

Regarding claim 56, Zamora shows:

Obtaining means for obtaining digital image data by scanning (col. 38, line 62);

Analyzing the digital image data by performing character recognition (col. 5, lines 5-6);

Determining means for determining a type of character data (col. 38, lines 62-68);

Controlling a display of the digital image data and a plurality of frames containing the character data (see figs. 4, 7); and

Storing the image data (col. 4, lines 24-25).

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Regarding claims 33-34, 36-37, 39-50, Zamora shows:

The determining means (col. 5, lines 20-54 in Zamora);

A name and phone number (fig. 6);

displaying another frame (see one of figs. 3-8, see also comments in claim 31);

memory stores the image data and the character data (see PIE FRAME, see also figs. 4-7);

A manual entry device and means for correcting and adding means (i.e. computer keyboard, see col. 2, lines 14, col. 1, lines 18-23);

Copying means (figs. 6 and 8);

Searching unit (col. 2, lines 14-24);

A selector (col. 2, lines 45-46);

A communication controller (col. 3, lines 25-28);

The image reader (col. 38, line 62);

The LCD display (col. 2, lines 29-30, col. 25, lines 33-35); and

Instruction for the reader, registration and display (col. 5, lines 57-59, col. 1, lines 27-30, 65-68).

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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5. Claim 32 is rejected under 35 U.S.C. 103(a) as being unpatentable over Zamora in view of Queen (US 4807182).

Regarding claim 32, Zamora shows:

Displaying the digital image data and a plurality of frames.

Zamora differs from the claimed invention in that it does not explicitly mention the digital image data and the plurality of frames are displayed side-by-side.

However, Queen teaches providing a concept of simultaneously displaying the first original frame of information and the second modified frame of information (see fig. 3).

Hence, if it is found that Zamora displays only one copy of the information at a time, then, it would have been obvious for one of ordinary skill in the art to modify Zamora by displaying the first copy of the information and the second modified copy of the information simultaneously as taught by Queen, such that the two versions of information can be compared, such as for auditing purpose (see background and summary of Queen).

ARGUMENT

6. In response to the remarks (pages 4-5) filed on 5-20-02, it is believed that Zamora shows the claimed obtaining means, character-recognition means, determining means, the display and memory, see rejection above.

7. Applicant's arguments with respect to claims 31-34, 36-37, 39-50, 55-56 have been considered but are moot in view of the new ground(s) of rejection.

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

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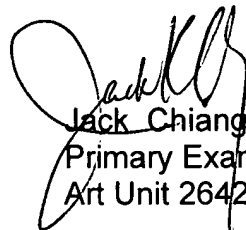
§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack Chiang whose telephone number is 703-305-4728. The examiner can normally be reached on Mon-Fri. from 8:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Admad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.


Jack Chiang
Primary Examiner
Art Unit 2642